	Application No.	Applicant(s)
Notice of Allowability	10/717,289	BRADUKE, RETNAMONI R.
	Examiner	**Art Unit**	
	Philip B. Tran	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a.Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *4/25/2007*.

2. ☒ The allowed claim(s) is/are *1, 3, 5-8, 10-12, 14, 16 and 18-23 (Renumbered as claims 1-17)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date *attached* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

PHILIP TRAN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Wong (Reg. No. 48,459), the undersigned, on July 09, 2007.

3.   The application has been amended as follows:

IN THE CLAIMS:

The claims of the invention have been amended as follows:

1. (Currently Amended) A method of redirecting video text data in a computer

network, the method comprising:

(a) during a timer interrupt for a first computer, **selecting a line of video text**

data from among a plurality of lines of video text data stored in a video text data

memory as a current line of video text data ~~checking a video text data memory for~~

~~changed video text data on the first computer in the computer network~~;

(b) calculating a checksum for the current line of video text data;

(c) comparing the calculated checksum to a previously saved checksum for

the current line of video text data;

(d) if the calculated checksum is different than the previously saved checksum for the current line of video text data, then determining that the current line of video text data in the video text data memory has changed;

(e) saving the calculated checksum in a memory location after determining that the current line of video text data in the video text data memory has changed;

(f) storing the current line of video text data in a shared memory in response to determining that the current line of video text data in the video text data memory has changed;

(g) selecting the next line of video text data in the video text data memory as the current line of video data; and

(h) repeating the operations (b)-(g) for each of the plurality of lines of video text data stored in the video text data memory; and

(i) sending only the changed video text data from the first computer to a second computer in the computer network.

2. (Canceled)

3. (Currently Amended) The method of claim 2 1, wherein calculating a checksum for the current line of video text data comprises calculating a unique value from at least one of:

an attribute of text in the line of video text data; and

a line position of the text in the line of video text data.

4. (Canceled)

5. (Currently Amended) The method of claim [[4]] **1** further comprising determining whether the shared memory is full prior to storing the current line of changed video text data in the memory.

6. (Currently Amended) The method of claim [[4]] **1**, wherein sending only the changed video text data from the first computer to a second computer in the computer network comprises sending each changed line of video text data stored in the shared memory during the timer interrupt from the first computer to the second computer in the computer network.

10. (Currently Amended) The method of claim [[4]] **1**, wherein the shared memory comprises a send buffer and a receive buffer.

12. (Currently Amended) A computer system for redirecting video text data, comprising:

a controller for sending and receiving data;

a memory for storing executable program code;

a video buffer for storing video text data while displayed on a display unit; and

a processor, functionally coupled to the controller, the memory, and the video text data memory, the processor being responsive to computer-executable instructions contained in the program code and operative to:

(a) during the system timer interrupt, select a line of video text data from among a plurality of lines of video text data stored in the video text data memory as a current line of video text data;

(b) calculate a checksum for the current line of video text data;

(c) compare the calculated checksum to a previously saved checksum for the current line of video text data;

(d) if the calculated checksum is different than the previously saved checksum for the current line of video text data, then determine that the current line of video text data in the video text data memory has changed;

(e) save the calculated checksum in a memory location in the computer system after determining that the current line of video text data in the video text data memory has changed; and

(f) store the current line of video text data in the shared memory in the controller in response to determining that the current line of video text data in the video text data memory has changed

(g) select the next line of video text data in the video text data memory as the current line of video text data;

(h) repeat the operations (b)-(g) for each of the plurality of lines of

video text data stored in the video text data memory ~~check the video buffer for~~

~~changed video text data during a system timer interrupt~~; and

(i) send the changed video text data from the controller to a video

display device.

13. (Canceled)

14. (Currently Amended) The computer system of claim ~~13~~ **12**, wherein the

processor in calculating a checksum for the current line of video text data, is operative

to calculate a unique value from at least one of:

an attribute of text in the line of video text data; and

a line position of the text in the line of video text data.

15.   (Cancelled)

16. (Currently Amended) The computer system of claim ~~13~~ **12**, wherein the

processor is further operative to determine whether the shared memory is full prior to

storing the current line of changed video text data.

21. (Currently Amended) The computer system of claim ~~15~~ **12**, wherein the

shared memory comprises a send buffer and a receive buffer.

23. (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of redirecting video text data in a computer network, comprising:

(a) during a system timer interrupt of a first computer in the computer network, selecting a line of video text data from among a plurality of lines of video text data stored in a video ~~buffer~~ **text data memory as a current line of video text data**;

(b) calculating a checksum for the current line of video text data;

(c) comparing the calculated checksum to a previously saved checksum for the current line of video text data;

(d) if the calculated checksum is different than the previously saved checksum for the current line of video text data, then determining that the current line of video text data in the video text data memory has changed;

(e) saving the calculated checksum in a memory location after determining that the current line of video text data in the video text data memory has changed;

(f) storing the current line of video text data in a shared memory in response to determining that the current line of video text data in the video text data memory has changed;

(g) selecting the next line of video text data in the video text data memory as the current line of video text data;

(h) repeating the operations (b)-(g) for each of the plurality of lines of video text data stored in the video text data memory; and

(i) sending each changed line of video text data stored in the shared memory during the system timer interrupt from the first computer to the second computer in the computer network.
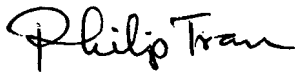
REASONS FOR ALLOWANCE

4.   Claims 1, 3, 5-8, 10-12, 14, 16 and 18-23 (renumbered as 1-17) are allowable over the prior art of record.

5.   This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks in the Amendment filed on 25 April 2007 with respect to the amended claim limitations and further amended claim limitations in the Examiner's Amendment (see attached) point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

6.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip B. Tran whose telephone number is (571) 272-3991. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

8.   Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PHILIP TRAN
PRIMARY EXAMINER
Art Unit 2155
July 09, 2007